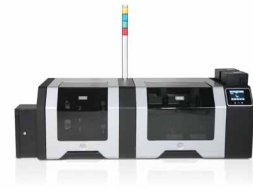


# High Definition (HDP®) Printer/Encoders



	HDP8500	HDPii	HDP5000
<b>Starting MSRP</b>	\$9,995	\$6,995	\$3,995
<b>Sided Printing</b>	Single or Dual	Single or Dual	Single or Dual
<b>Print Method</b>	HDP Dye-Sublimation / Resin Thermal Transfer	HDP Dye-Sublimation / Resin Thermal Transfer	HDP Dye-Sublimation / Resin Thermal Transfer
<b>Resolution</b>	300 dpi	300 dpi	300 dpi
<b>Print Speed</b>	24 seconds per card / 150 cards per hour maximum (YMC with transfer)	52 seconds per card / 69 cards per hour (YMCKI with transfer)	26 seconds per card / 138 cards per hour (YMC with transfer)
<b>Accepted Card Sizes</b>	CR-80	CR-80	CR-80
<b>Accepted Card Thickness</b>	.030" (30 mil) to .050" (50 mil) / .762 mm to 1.27 mm	Print only: .030" (30 mil) to .050" (50 mil) / .762mm to 1.27 mm	Print only: .030" (30 mil) to .050" (50 mil) / .762mm to 1.27 mm Print/Lamination: .030" (30 mil) to .050" (50 mil) / .762mm to 1.27mm
<b>Software Drivers</b>	Windows® XP / Server 2003 / Vista (32 and 64 bit) / Windows 7 Mac OS X v10.4 / v10.5 and Linux	Windows® 2000/XP/Server 2003/Vista (32 bit and 64 bit)	Windows® 2000/XP/Server 2003/Vista (32 and 64 bit); Mac OS X v10.4 / 10.5; and Linux
<b>Size</b>	Dual-Sided Printer: 15.5" H x 28.2" W x 14.0" D / 394 mm H x 716 mm W x 356 mm D Printer + Dual-sided Lam Module: 15.9" H x 43.0" W x 14.0" D / 394 mmH x 1092 mmW x 356 mmD	11.50" H x 14.75" W x 9.25" D / 292mmH x 630mmW x 235mmD	Printer: 11.50" H x 12.25" W x 9.25" D / 292mmH x 313mmW x 235mmD Printer + Dual-Sided Module: 11.50" H x 17.50" W x 9.25" D / 292mmH x 445mmW x 235mmD Printer + Single-Sided Lam Module: 12.75" H x 25" W x 9.25" D / 324mmH x 635mmW x 235mmD Printer + Dual-Sided Module + Dual-Sided Lam Module: 12.75" H x 30" W x 9.25" D / 324mmH x 762mmW x 235mmD Lam Module: 12.75" H x 12.25" W x 9.25" D / 324mmH x 313mmW x 235mmD
<b>Weight</b>	Printer: 61 lbs / 27.7 kg Printer + Dual-Sided Lam Module: 90 lbs / 40.9 kg	28 lbs. / 12.8 kg	HDP5000: 16 lbs. / 7.3 kg HDP5000 + Dual-Side Module: 22 lbs. / 10 kg HDP5000 + Single-Side Lam Module: 28 lbs. / 12.7 kg HDP5000 + Dual-Side Module + Dual-Side Lam Module: 36 lbs. / 16.4 kg
<b>Interface</b>	USB 2.0 (high speed) and Ethernet with internal print server	USB 2.0 (high speed) and Ethernet with internal print server	USB 2.0 (high speed) and Ethernet with internal print server
<b>Color Capability</b>	Full Color/Monochrome	Full Color/Monochrome	Full Color/Monochrome
<b>Input Hopper</b>	400 cards	100 cards	100 cards
<b>Dual Hopper Capability</b>	Yes	No	No
<b>Output Hopper</b>	200 Cards	100 Cards	200 Cards
<b>Encoding Options</b>	ISO Magnetic Stripe Encoding, dual high- and low-coercivity, Tracks 1, 2, and 3 125 kHz (HID Prox) reader 13.56 MHz (iCLASS, MIFARE®, ISO 14443 A/B, ISO 15693) read/write encoder Contact Smart Card Encoder reads from and writes to all ISO7816 1/2/3/4 memory and microprocessor smart cards (T=0, T=1) as well as synchronous cards	ISO Magnetic Stripe Encoding, dual high- and low-coercivity, Tracks 1, 2 and 3 125 kHz (HID Prox) reader 13.56 MHz (iCLASS, MIFARE, ISO 14443 A/B, ISO 15693) read/write encoder Contact Smart Card Encoder reads from and writes to all ISO7816 1/2/3/4 memory and microprocessor smart cards (T=0, T=1) as well as synchronous cards	ISO Magnetic Stripe Encoding, dual high- and low-coercivity, Tracks 1, 2 and 3 125 kHz (HID Prox) reader 13.56 MHz (iCLASS, MIFARE, ISO 14443 A/B, ISO 15693) read/write encoder Contact Smart Card Encoder reads from and writes to all ISO7816 1/2/3/4 memory and microprocessor smart cards (T=0, T=1) as well as synchronous cards
<b>Lamination Available</b>	Yes	No	Yes
<b>Card Volume</b>	High	High	High
<b>Warranty</b>	Printer: Three years Printhead: Lifetime; unlimited pass	Printer: Two year Printhead: Lifetime; unlimited pass Optional Extended Warranty Program (U.S. only)	Printer: Two year Printhead: Lifetime; unlimited pass One year On-Call Express (loaner printer, U.S. only) Optional Extended Warranty Program (U.S. only)
<b>Software Options</b>	Asure ID®	Asure ID	Asure ID
<b>Options</b>	Card Lamination Module - dual-sided (simultaneous) - Upgradable Card Flattening Module - Upgradable Andon Production Status Light - Upgradable Smart card encoding (contact/contactless) - Upgradable Magnetic stripe encoding - Upgradable Single Wire Ethernet and USB 2.0 interface for in-line printing and encoding (note: single wire Ethernet encoding is only available for iCLASS, MIFARE, and contact smart card encoding)	Smart card encoding (contact/contactless), EMV Level 1 - Upgradable Printer cleaning kit Single Wire Ethernet and USB 2.0 interface for in-line printing and encoding (note: single wire Ethernet encoding is only available for iCLASS, MIFARE, and contact smart card encoding)	Card Lamination Module - single-sided or dual-sided (simultaneous) - Upgradable Smart card encoding (contact/contactless) - Upgradable Door and cartridge locks Printer cleaning kit Magnetic stripe encoding - Upgradable Dual-sided printing - Upgradable Single Wire Ethernet and USB 2.0 interface for in-line printing and encoding (note: single wire Ethernet encoding is only available for iCLASS, MIFARE, and contact smart card encoding)
<b>Prints Rewritable and 10-Mil Cards</b>	No	No	No
<b>Fluorescent Panel Ribbon (UV Printing)</b>	Yes	Yes	Yes
<b>Cartridge Loaded Ribbons</b>	Yes	Yes	Yes
<b>Password Protect</b>	Yes	Yes	Yes
<b>ENERGY STAR® Qualified Products</b>	No	No	No